

# FLAP WHEELS - 1/4" SHANK

## AO-Firm Flap Wheels: 1/4" Shank

- Firm, quality aluminum oxide coated abrasive material. The flaps, arranged like a fan around the shaft of the tool, provide for consistent cutting action, maximum performance and long life.
- Use on all ferrous and non-ferrous materials, stainless steel, iron, brass, aluminum, plastic, fiberglass, wood and glass.
- Excellent for working in small, difficult to reach places.
- CGW flap wheels have more flaps compared to leading flap wheel manufacturers.



ALUMINUM OXIDE



### 3/4 x 3/4 x 1/4 30,000 R.P.M.

UPC#	SPEC.	CARTON QTY
37098	60	10
37099	80	10
37100	120	10
37103	180	10
37104	240	10
37105	320	10

### 1 x 5/8 x 1/4 30,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39903	60	10
39904	80	10
39905	120	10

### 1 x 1 x 1/4 30,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39907	40	10
39908	60	10
39909	80	10
39910	120	10
39912	180	10
39913	240	10
39914	320	10

### 1-1/2 x 1/2 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39915	60	10
39916	80	10
39917	120	10
41032	180	10
41035	240	10
41510	320	10

### 1-1/2 x 1 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39920	40	10
39921	60	10
39922	80	10
39923	120	10
41036	180	10
41037	240	10
41630	320	10

### 2 x 1/2 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39924	40	10
39925	60	10
39926	80	10
39927	120	10
41038	180	10
41039	240	10
41631	320	10

### 2 x 3/4 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39928	60	10
39929	80	10
39930	120	10
40002	150	10

### 2 x 1 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39931	40	10
39932	60	10
39933	80	10
39934	120	10
39935	180	10
39936	240	10
39937	320	10

### 2 x 1-1/2 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
40003	40	10
40004	60	10
40005	80	10
40006	120	10

### 2 x 2 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39938	60	10
39939	80	10

### 2-1/2 x 1/2 x 1/4 20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41015	60	10
41016	80	10
41017	120	10

AO-FIRM FLAP WHEELS - 1/4" SHANK

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2-1/2 x 1 x 1/4

20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39941	60	10
39942	80	10
39943	120	10
41500	180	10
41501	240	10
41511	320	10

3 x 1 x 1/4

20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39947	40	10
39948	60	10
39949	80	10
39950	120	10
39951	180	10
39952	240	10
39953	320	10

2-1/2 x 1-1/2 x 1/4

20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41121	60	10
41122	80	10
41123	120	10

3 x 1-1/2 x 1/4

20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41513	60	10
41514	80	10
41515	120	10
41516	180	10
41517	240	10
41518	320	10

3 x 1/2 x 1/4

20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41018	60	10
41019	80	10
41020	120	10
41502	180	10
41503	240	10
41504	320	10

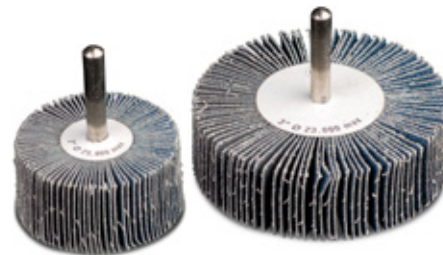
3 x 2 x 1/4

20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41044	40	10
39954	60	10
39955	80	10
39956	120	10

## Zirconia Flap Wheels: 1/4" Shank

- Zirconia grain provides sharper cutting and longer life than aluminum oxide flap wheels.
- Excellent for smoothing and deburring.
- Durable cotton backing.
- For work on steel, stainless steel, non-ferrous metals and alloys.



ZIRCONIA



1 x 1 x 1/4

30,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41519	40	10
41520	60	10
41521	80	10

2 x 1 x 1/4

25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41525	40	10
41526	60	10
41527	80	10

1-1/2 x 1 x 1/4

25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41522	40	10
41523	60	10
41524	80	10

3 x 1 x 1/4

20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41528	40	10
41529	60	10
41530	80	10

# SHOP ROLLS

## Premium Shop Rolls

- Premium shop roll backing is more flexible for longer working life.
- High quality friable grain.
- Material is easily torn to the length and/or shape needed.
- For multiple types of work including cleaning, deburring and polishing.



ALUMINUM OXIDE



### Shop Rolls - Premium Aluminum Oxide

GRIT	CARTON QTY	1" X 50 YDS.	1-1/2" X 50 YDS.	2" X 50 YDS.	MASTER PACK QTY
40	1	<b>63092</b>	<b>63095</b>	<b>63098</b>	10
60	1	<b>63062</b>	<b>63072</b>	<b>63082</b>	10
80	1	<b>63063</b>	<b>63073</b>	<b>63083</b>	10
100	1	<b>63064</b>	<b>63074</b>	<b>63084</b>	10
120	1	<b>63065</b>	<b>63075</b>	<b>63085</b>	10
150	1	<b>63066</b>	<b>63076</b>	<b>63086</b>	10
180	1	<b>63067</b>	<b>63077</b>	<b>63087</b>	10
220	1	<b>63068</b>	<b>63078</b>	<b>63088</b>	10
240	1	<b>63069</b>	<b>63079</b>	<b>63089</b>	10
320	1	<b>63070</b>	<b>63080</b>	<b>63090</b>	10
400	1	<b>63071</b>	<b>63081</b>	<b>63091</b>	10
600	1	<b>63093</b>	<b>63096</b>	<b>63099*</b>	10

\*Items in gray are discontinued and only available while supplies last.

## Economy Shop Rolls

- Economy shop rolls for general purpose work.

ALUMINUM OXIDE



### Shop Rolls - Economy Aluminum Oxide

GRIT	CARTON QTY	1" X 50 YDS.	MASTER PACK QTY	1-1/2" X 50 YDS.	MASTER PACK QTY	2" X 50 YDS.	MASTER PACK QTY
60	1	<b>63002</b>	20	<b>63022</b>	10	<b>63042</b>	10
80	1	<b>63003</b>	20	<b>63023</b>	10	<b>63043</b>	10
100	1	<b>63004</b>	20	<b>63024</b>	10	<b>63044</b>	10
120	1	<b>63005</b>	20	<b>63025</b>	10	<b>63045</b>	10
150	1	<b>63006</b>	20	<b>63026</b>	10	<b>63046</b>	10
180	1	<b>63007</b>	20	<b>63027</b>	10	<b>63047</b>	10
220	1	<b>63008</b>	20	<b>63028</b>	10	<b>63048</b>	10
240	1	<b>63009</b>	20	<b>63029</b>	10	<b>63049</b>	10
320	1	<b>63011</b>	20	<b>63031</b>	10	<b>63051</b>	10
400	1	<b>63012</b>	20	<b>63032</b>	10	<b>63052</b>	10

# QUICK CHANGE DISCS

QUICK CHANGE CONDITIONING DISCS

## Grit Comparison Chart

	GRAIN	COLOR	STANDARD	HEAVY DUTY
Coarse	A/O	Brown	60	<b>50-60</b>
Medium	A/O	Maroon	80-120	<b>60-100</b>
Very Fine	A/O	Blue	180-240	-
Super Fine	S/C	Gray	240-320	-

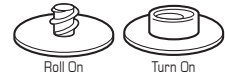


Coated Quick Change Discs  
on pages 48-53.



Roll On

Turn On



Roll On

Turn On

## 2-4" Quick Change Discs - Surface Conditioning

- For stainless steel, and ferrous & non-ferrous metals.
- Premium** - Blending and rust/burr removal.
- Finish Pro** - High performance design for demanding cleaning, deburring and finishing.

Uses USA Developed,  
Automated Spin-Weld  
Attachment Process for Fast  
and Secure Fastening.

SIZE	RPM	DENSITY / GRAIN / GRADE	ROLL ON PREMIUM SURFACE CONDITIONING DISCS UPC#	ROLL ON FINISH PRO SURFACE CONDITIONING DISCS UPC#	TURN ON PREMIUM SURFACE CONDITIONING DISCS UPC#	TURN ON FINISH PRO SURFACE CONDITIONING DISCS UPC#	CARTON QTY
2"	25,000	Coarse - Brown	<b>59503</b>	<b>59743</b>	<b>59610</b>	<b>59749</b>	50
		Medium - Maroon	<b>59504</b>	<b>59744</b>	<b>59611</b>	<b>59750</b>	
		A Very Fine - Blue	<b>59505</b>	<b>New 59745</b>	<b>59612</b>	<b>New 59751</b>	
		S Ultra Fine - Grey	<b>59608</b>				
3"	20,000	Coarse - Brown	<b>59506</b>	<b>59746</b>	<b>59614</b>	<b>59752</b>	25
		Medium - Maroon	<b>59507</b>	<b>59747</b>	<b>59615</b>	<b>59753</b>	
		A Very Fine - Blue	<b>59508</b>	<b>59748</b>	<b>59616</b>	<b>59754</b>	
		S Ultra Fine - Grey	<b>59609</b>				
4"	12,000	Coarse - Brown	<b>59509</b>				25
		Medium - Maroon	<b>59510</b>				
		A Very Fine - Blue	<b>59511</b>				

## **New** Heavy Duty 2 - 3" Quick Change Discs - Surface Conditioning, Roll On

**2 - 4X Faster Stock Removal**

- Heavy Duty disc - Aggressive surface conditioning discs for tough cleaning, deburring and finishing.
- Ideal for rugged applications where standard grade discs shred.
- 2X longer working life than standard discs.**
- Use on steel, stainless steel and ferrous & non-ferrous metal.



Roll On

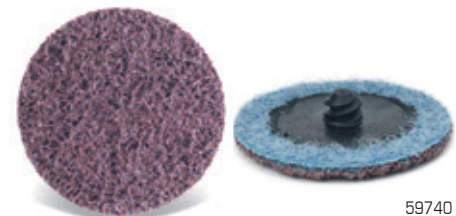


Die Grinder



59739

**Heavy Duty Coarse - Brown**



59740

**Heavy Duty Medium - Maroon**

SIZE	RPM	DENSITY / GRAIN / GRADE	ROLL ON HEAVY DUTY SURFACE CONDITIONING DISCS UPC#	GRIT	CARTON QTY
2"	25,000	Coarse - Brown	<b>New 59739</b>	<b>50-60</b>	50
		Medium - Maroon	<b>59740</b>	<b>60-100</b>	
3"	20,000	Coarse - Brown	<b>59741</b>	<b>50-60</b>	25
		Medium - Maroon	<b>59742</b>	<b>60-100</b>	

# DIE GRINDER GRINDING AND CUT-OFF WHEELS

HIGH-SPEED REINFORCED CUT-OFF WHEELS

## Mini Depressed Center Grinding Wheels - Type 27

- Automotive parts manufacturing, sheet metal production, finishing work, weld spot cleaning, ornamental iron work, rough die cast cleaning & detailing, light to heavy stock removal.
- Compact and lightweight for easy use in hard to reach work areas.
- Advanced abrasive grain blend for smooth grinding.
- Designed to last longer than traditional sanding discs and some carbide burs in the market.
- Fiberglass reinforced for overall safety.



## Mini Depressed Center Grinding Wheels - Type 27

UPC#	SIZE	SPEC.	RPM	CARTON QTY
49682	2-5/16 x 5/32 x 3/8	A40	20,000	25
49683	2-5/16 x 5/32 x 3/8	A60	20,000	25
49684	2-5/16 x 5/32 x 3/8	A80	20,000	25

## High-Speed Reinforced Cut-Off Wheels - Type 1

- A: Aluminum Oxide - Metal & Steel



## Aluminum Oxide - USA Made

SIZE	SPEC.	UPC# for ARBOR HOLE			RPM	CARTON QTY
		1/4"	3/8"	5/8"		
1-1/2 x 1/32	A60-R-BF	35687	35688		45,000	50
2 x 1/32	A60-R-BF		35689		30,000	50
2 x 1/16	A60-R-BF	45066	35690		30,000	50
2 x 1/8	A24-R-BF		35691		30,000	50
3 x 1/32	A60-R-BF	35500	35501		23,900	50
3 x 1/16	A36-R-BF	35502	35503		23,900	50
3 x 1/16	A60-R-BF	45085	45086		23,900	50
3 x 1/8	A24-R-BF	35504	35505		23,900	25
4 x 1/32	A60-R-BF	35506	35507		22,000	50
4 x 1/16	A36-R-BF	35508	35509		22,000	50
4 x 1/16	A60-R-BF	45088	45087	35510	22,000	50
4 x 1/8	A24-R-BF	35511	35512		22,000	25